

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103568.D
 Acq On : 9 Mar 2018 20:13
 Operator : SJ/JU
 Sample : J1821-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-1-3-201802

Manual Integrations
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Sohil
 3/12/2018 3:50:30 PM

Quant Time: Mar 09 23:30:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	145809	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	612092	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	234367	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	328365	20.00	ng	0.00
75) Chrysene-d12	14.06	240	241813	20.00	ng	0.00
86) Perylene-d12	15.57	264	201712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	9883	1.03	ng	0.07
7) Phenol-d6	6.53	99	178137	15.10	ng	0.02
23) Nitrobenzene-d5	7.43	82	415281	38.75	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.22	172	720107	47.32	ng	0.00
78) Terphenyl-d14	12.99	244	519416	51.64	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	11.94	149	954838	41.352	ng	Qvalue 100
74) Fluoranthene	12.63	202	78152	4.304	ng	98
77) Pyrene	12.86	202	75815	4.021	ng	98
80) Benzo(a)anthracene	14.05	228	39856	2.540	ng	98
82) Chrysene	14.09	228	40368	2.650	ng	96
83) Bis(2-ethylhexyl)phthalate	14.00	149	46055	3.426	ng	# 97
87) Benzo(b)fluoranthene	15.13	252	43382m	3.271	ng	
89) Benzo(a)pyrene	15.51	252	33746	2.849	ng	# 83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

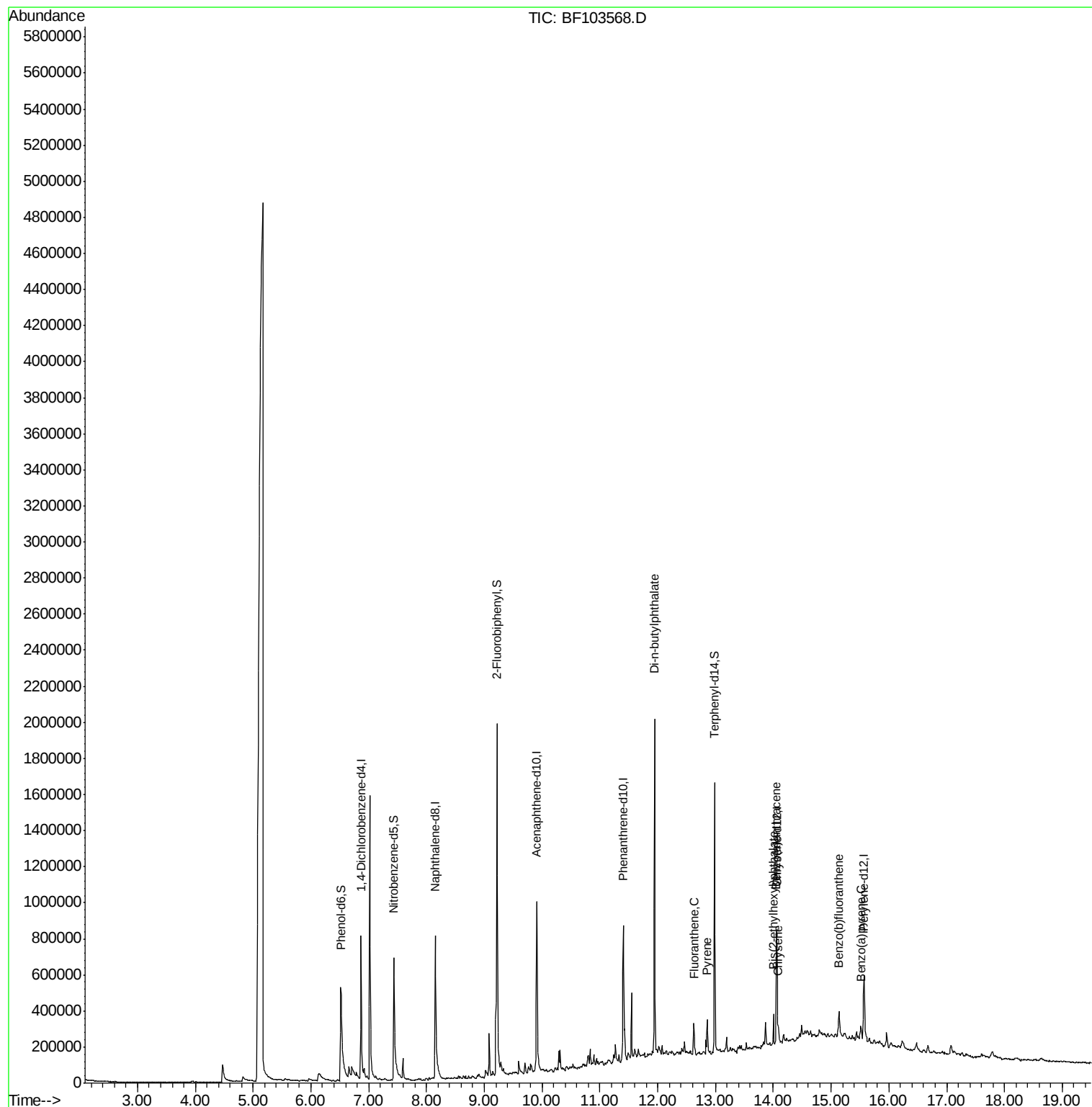
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103568.D
Acq On : 9 Mar 2018 20:13
Operator : SJ/JU
Sample : J1821-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-1-3-201802

Manual Integrations
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Quant Time: Mar 09 23:30:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration





#1

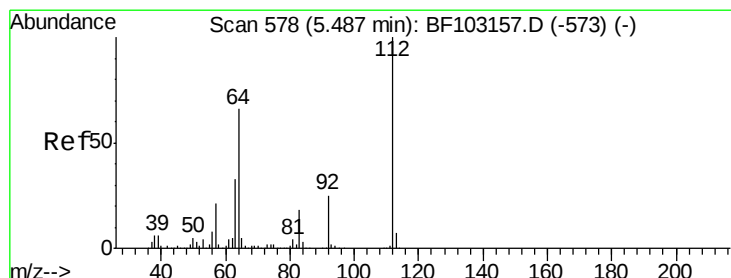
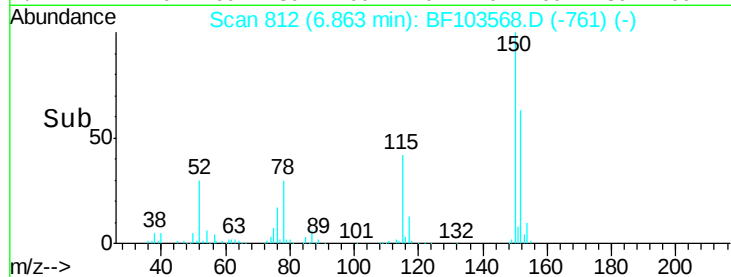
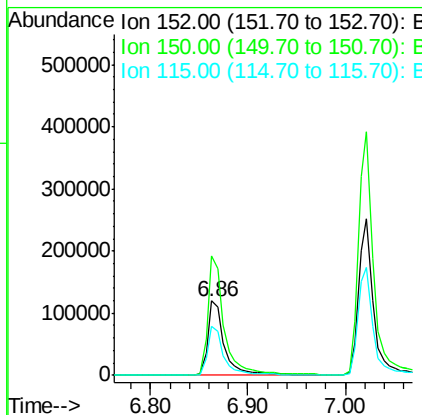
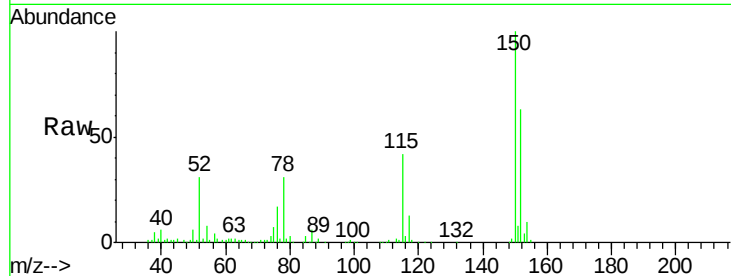
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-1-3-201802

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	66.6	50.1	75.1

Manual Integrations
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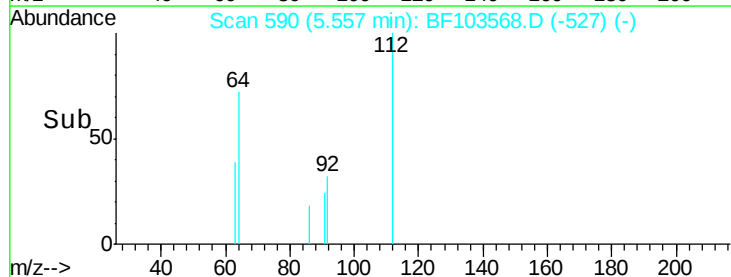
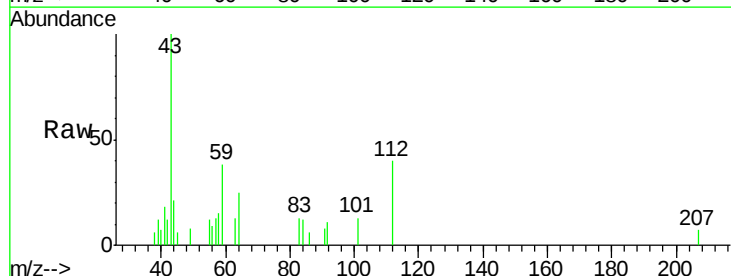
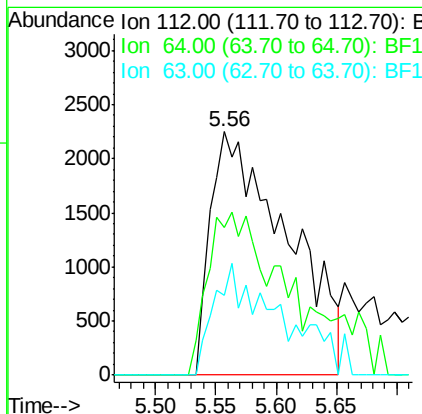
Sohil
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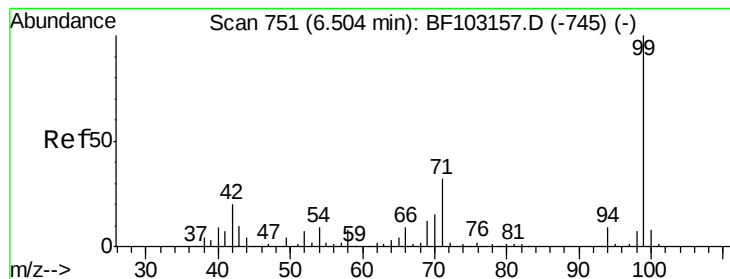


#5

2-Fluorophenol
Concen: 1.025 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.07 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	32.9	23.7	35.5





#7

Phenol-d6

Concen: 15.100 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-1-3-201802

Tot Ion: 99 Resp: 178137

Ion Ratio Lower Upper

99 100

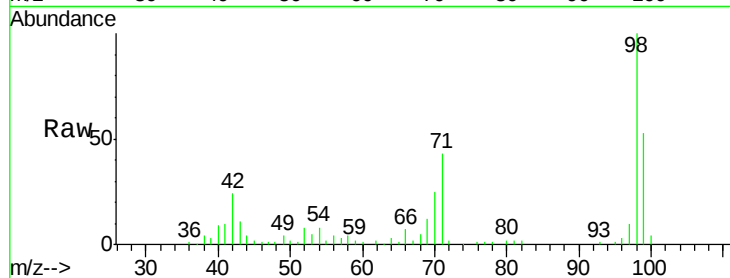
42 45.9 14.5 21.7#

71 80.9 25.4 38.0#

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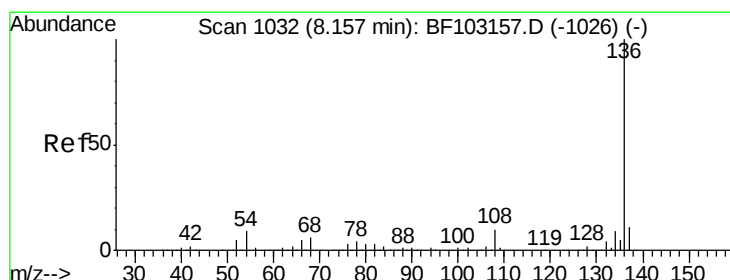
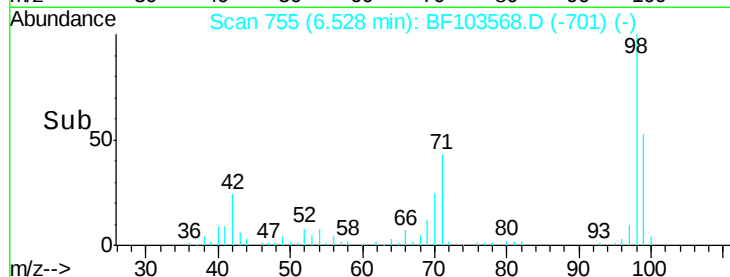
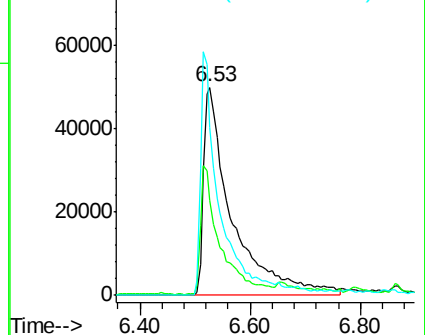
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

Tgt Ion: 136 Resp: 612092

Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.7 6.6 9.8

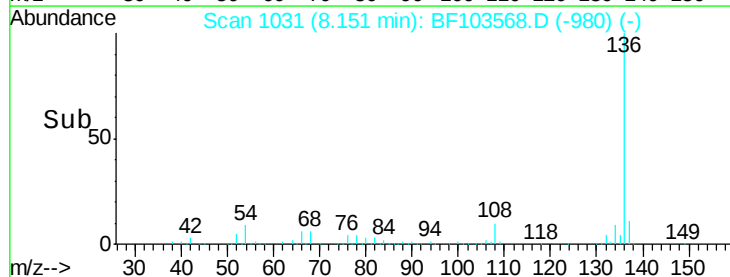
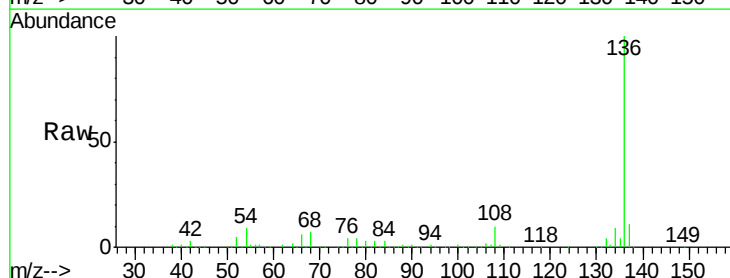
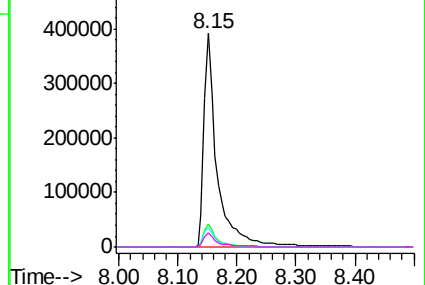
68 6.5 5.0 7.4

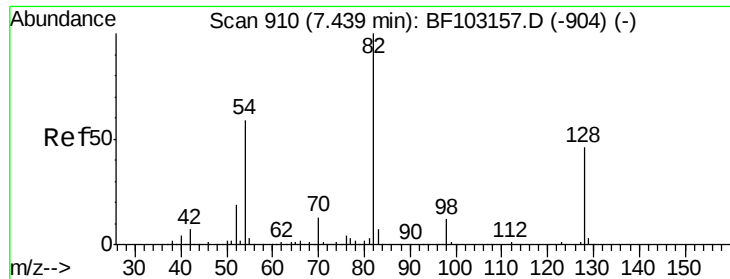
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





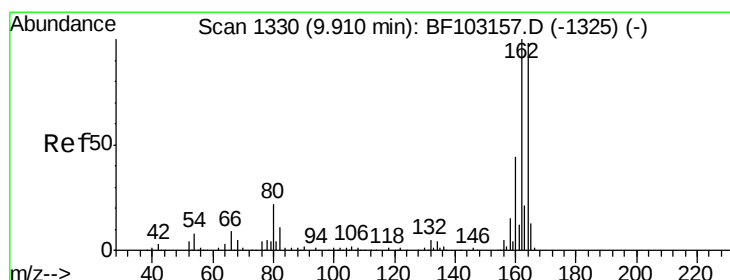
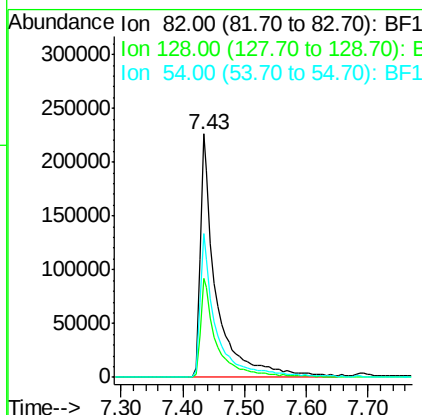
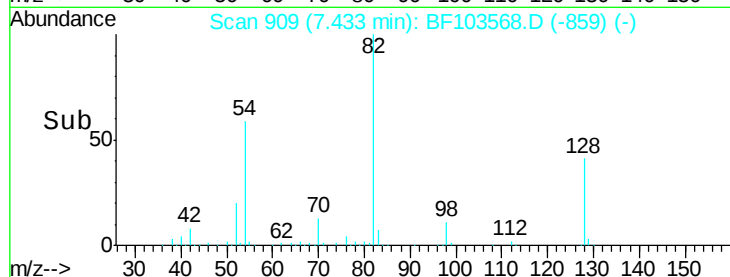
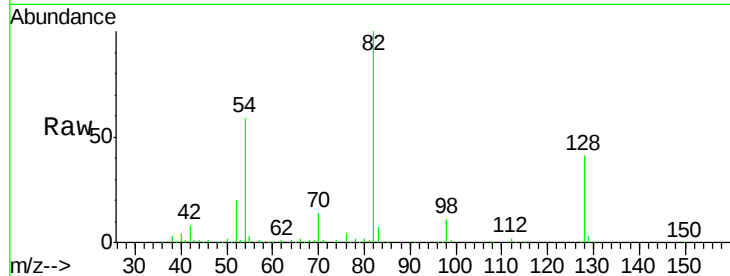
#23
Nitrobenzene-d5
Concen: 38.746 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-1-3-201802

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	59.1	41.4	62.2

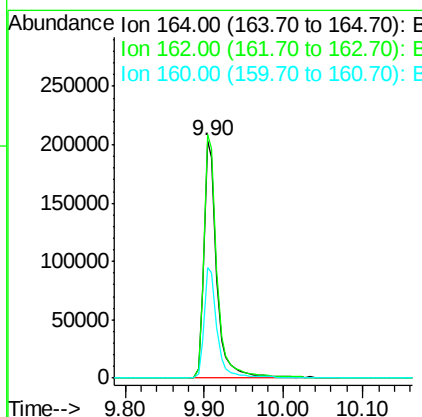
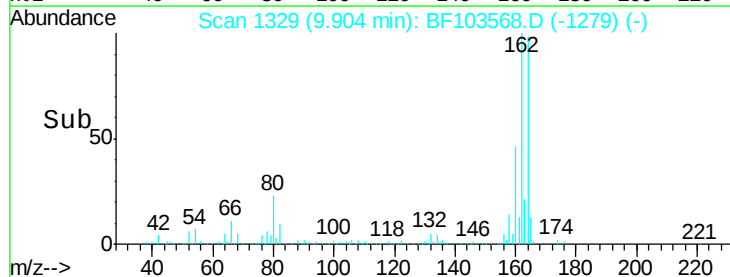
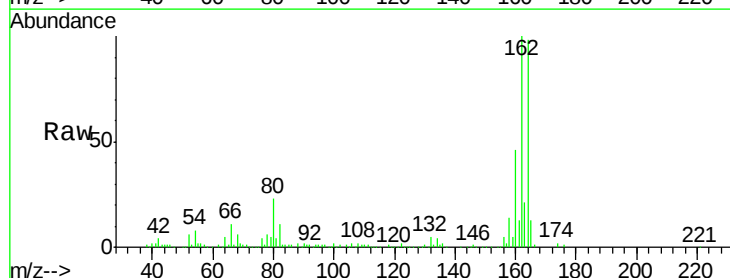
Manual Integrations
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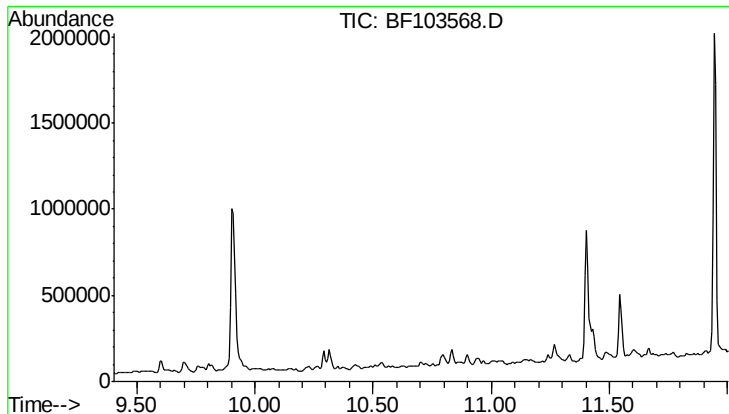
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.6	38.3	57.5





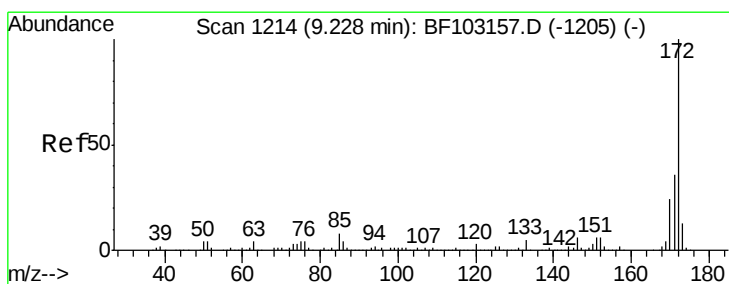
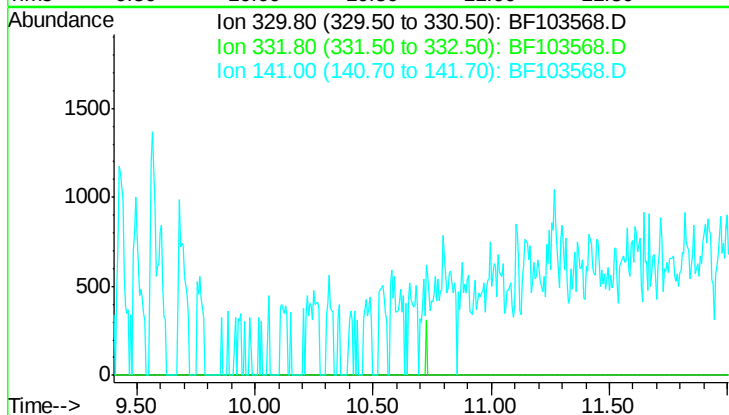
#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.70 min
 Lab File: BF103568.D
 Acq: 9 Mar 2018 20:13

Tot Ion	330	332	141
Exp Ratio	100	96.3	37.4

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-1-3-201802

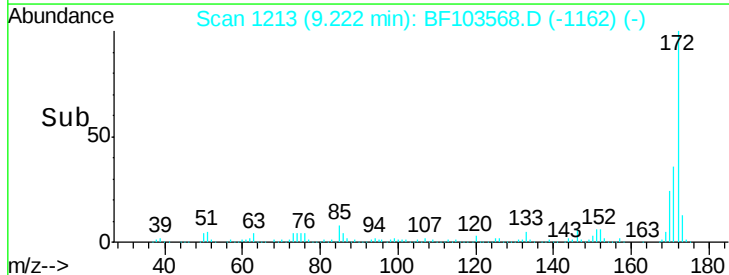
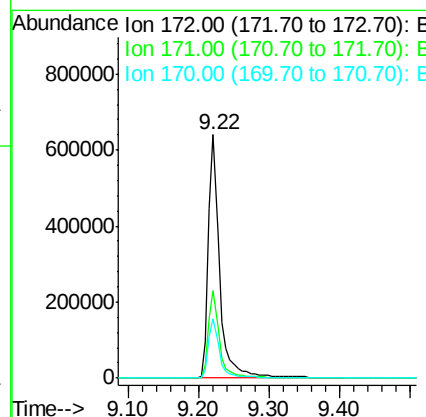
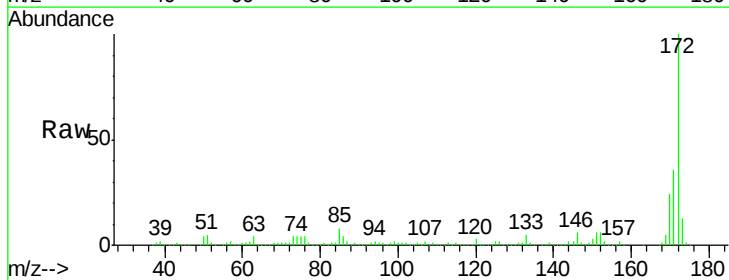
Manual Integrations
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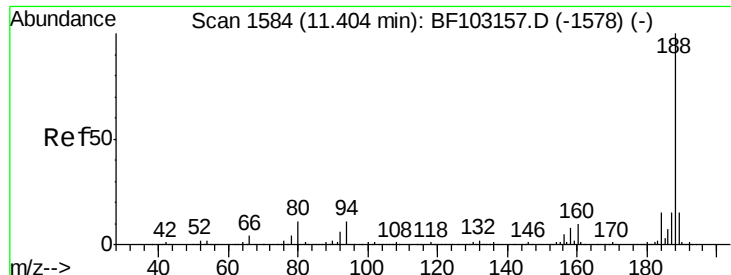
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#44
 2-Fluorobiphenyl
 Concen: 47.323 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF103568.D
 Acq: 9 Mar 2018 20:13

Tgt Ion	172	Resp	720107
Ion Ratio	100		
171	35.8	29.7	44.5
170	24.4	19.6	29.4





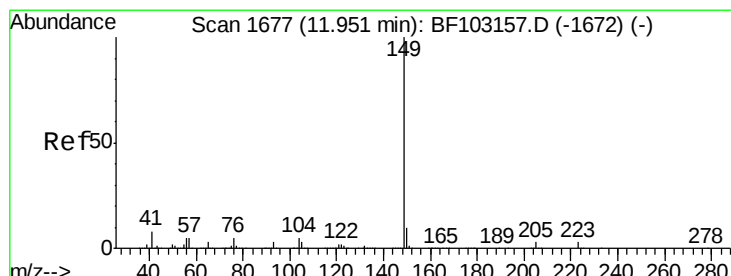
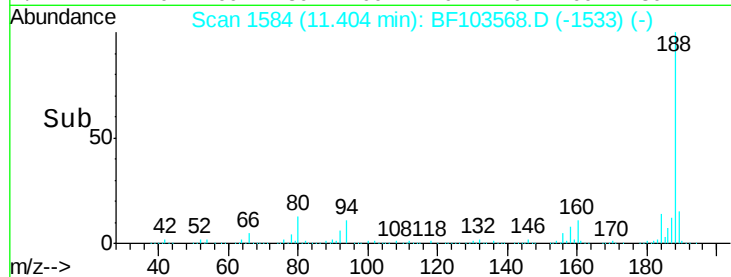
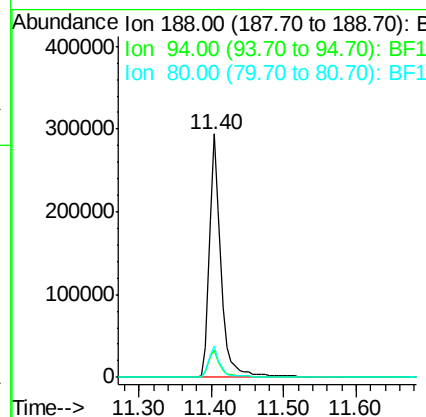
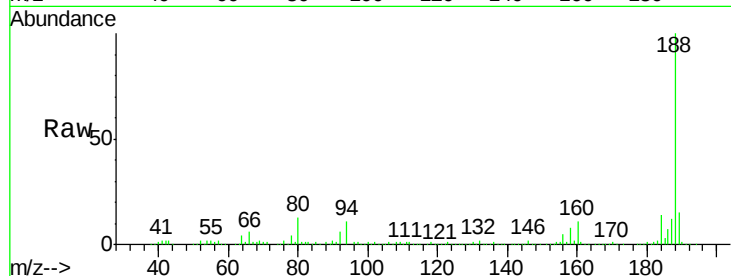
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF103568.D
 Acq: 9 Mar 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-1-3-201802

Tot Ion	Ratio	Resp	Lower	Upper
188	100	328365		
94	11.1		8.5	12.7
80	13.0		9.2	13.8

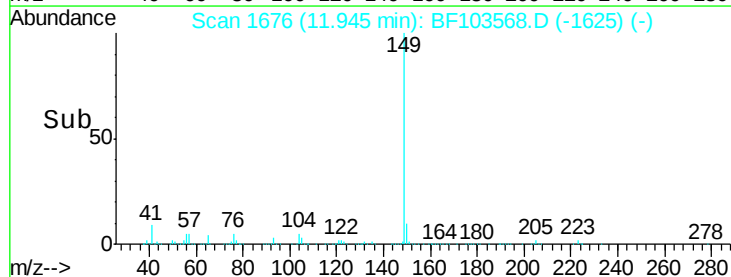
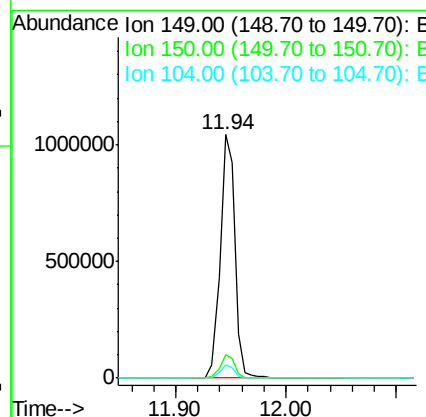
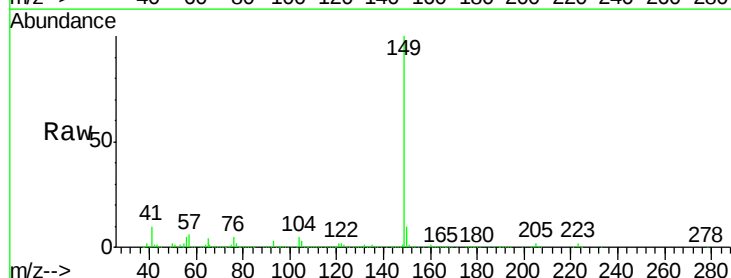
Manual Integrations
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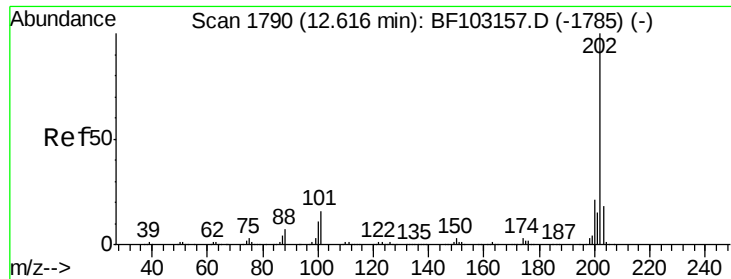
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#73
 Di-n-butylphthalate
 Concen: 41.352 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BF103568.D
 Acq: 9 Mar 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	954838		
150	9.7		7.8	11.6
104	5.2		3.8	5.8





#74

Fluoranthene

Concen: 4.304 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

Instrument :

BNA_F

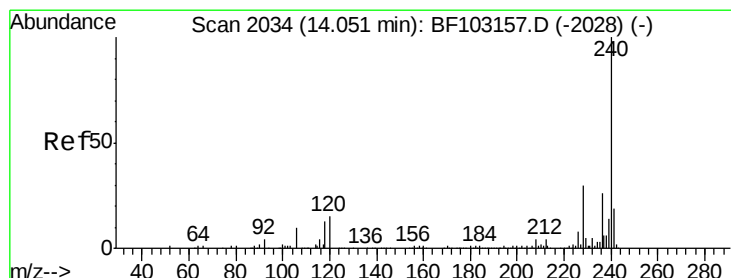
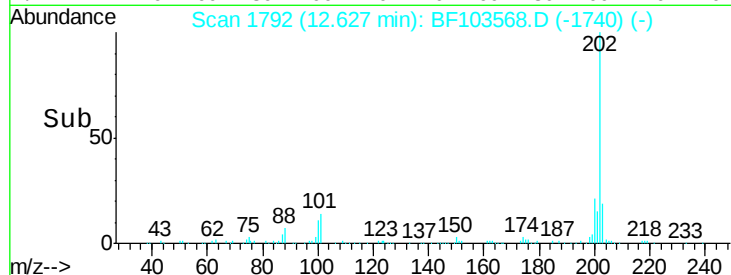
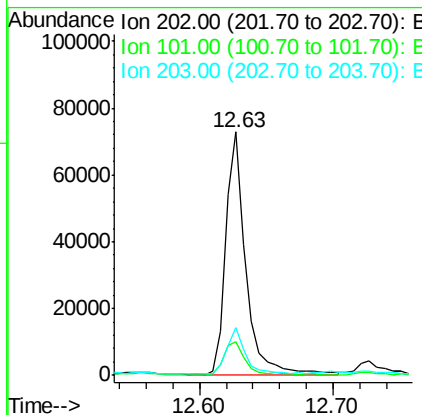
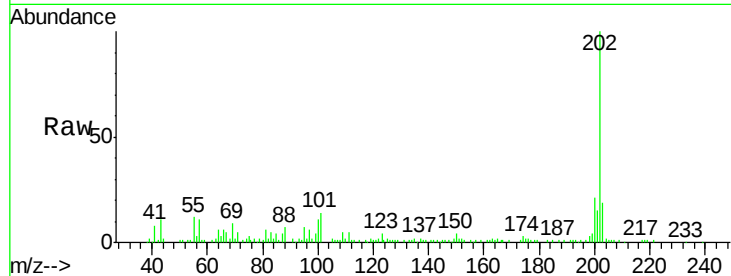
ClientSampleId :

AMENDED-COMPOSITE-1-3-201802

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		78152		
101	13.6	0.0	34.1		
203	19.4	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

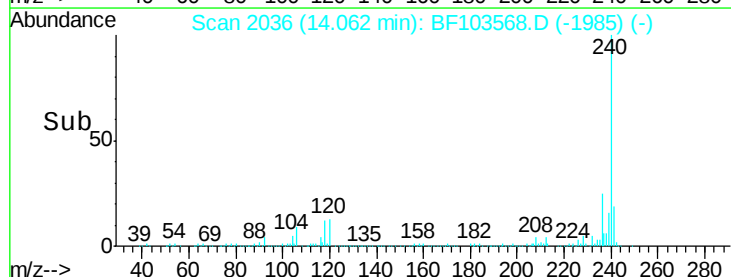
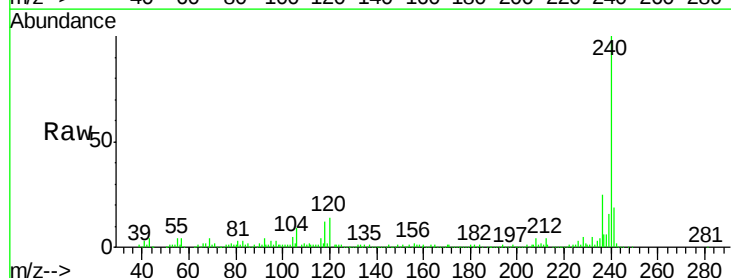
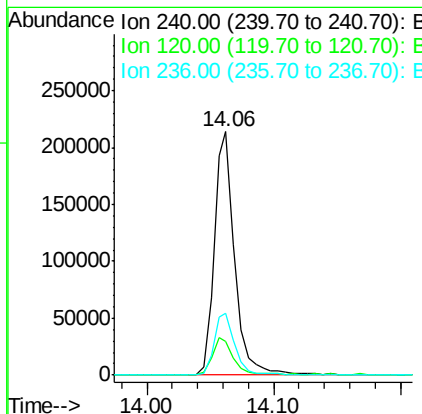
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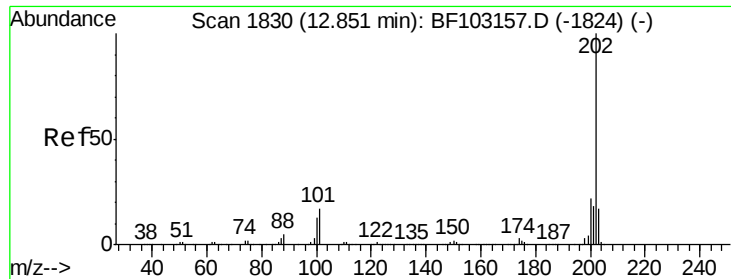
Delta R.T. -0.00 min

Lab File: BF103568.D

Acq: 9 Mar 2018 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		241813		
120	13.7	9.5	14.3		
236	25.5	20.7	31.1		





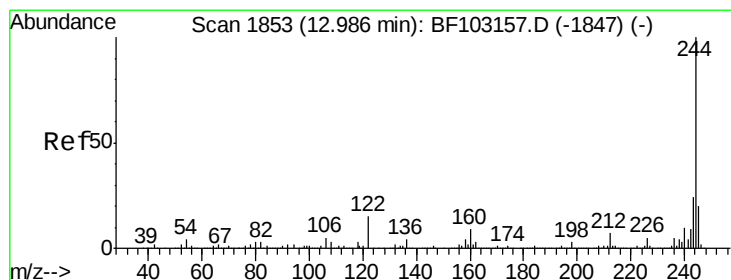
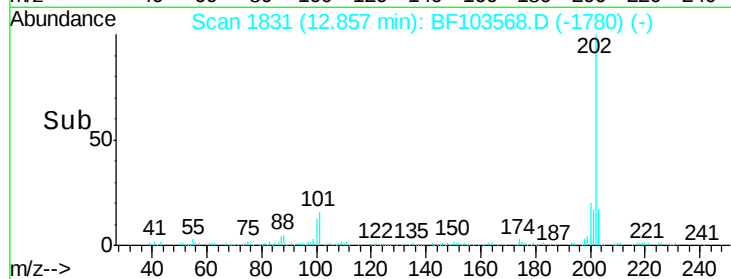
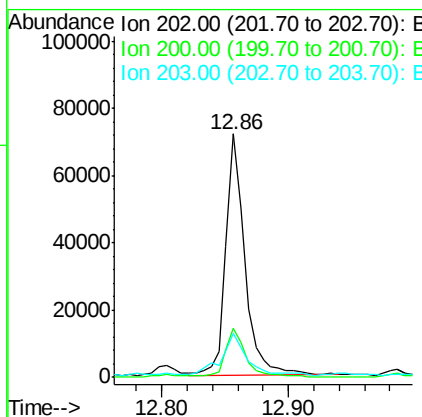
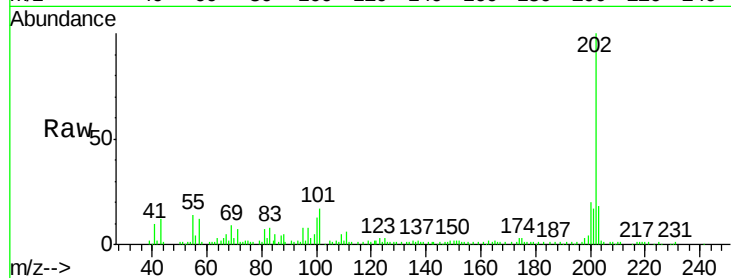
#77
Pvrene
Concen: 4.021 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-1-3-201802

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	18.1	14.3	21.5

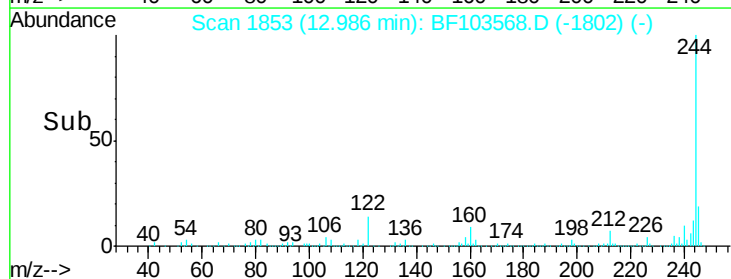
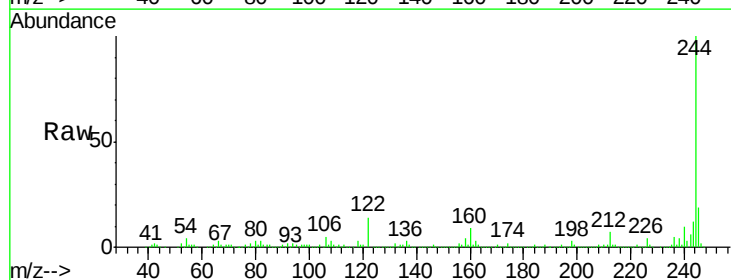
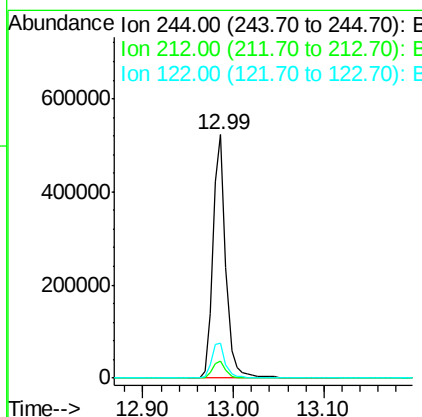
Manual Integrations
APPROVED

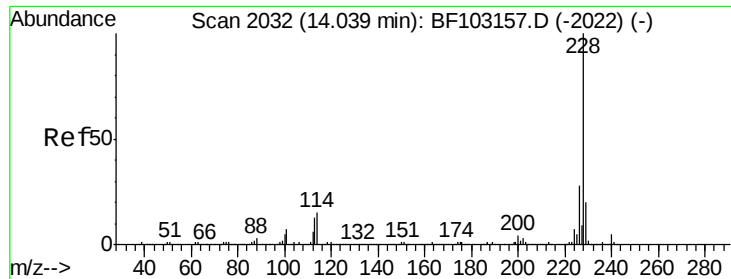
Sohil
3/12/2018 3:50:30 PM



#78
Terphenyl-d14
Concen: 51.635 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.2	11.0	16.4





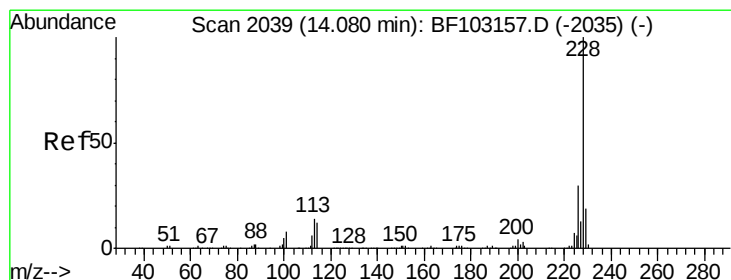
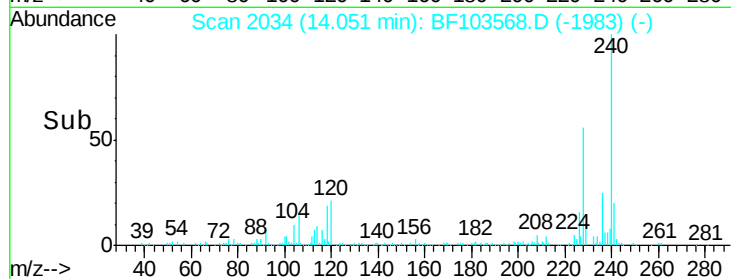
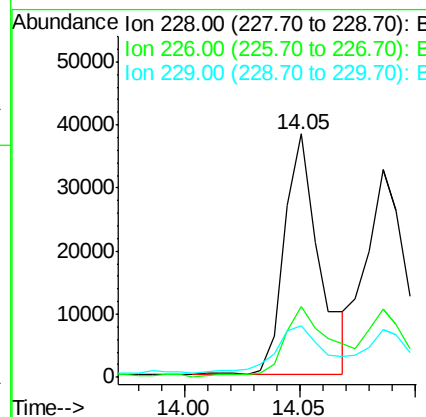
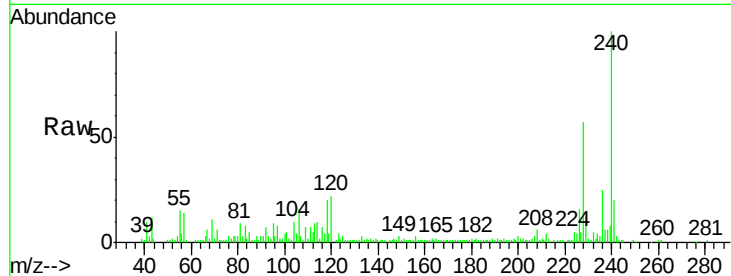
#80
Benzo(a)anthracene
Concen: 2.540 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-1-3-201802

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.3	15.8	23.6

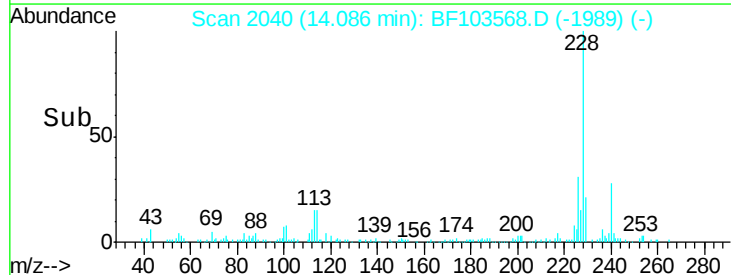
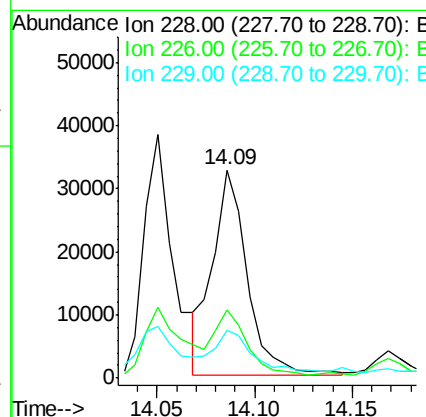
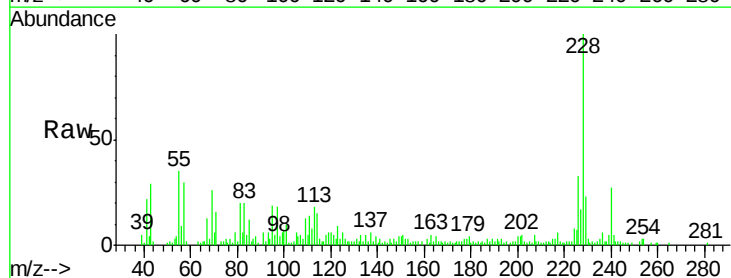
Manual Integrations
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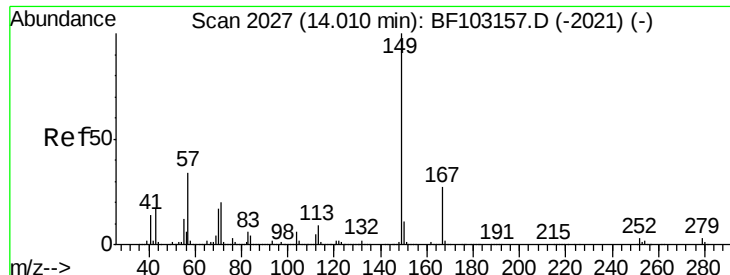
Sohil
3/12/2018 3:50:30 PM



#82
Chrysene
Concen: 2.650 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	23.0	16.2	24.4





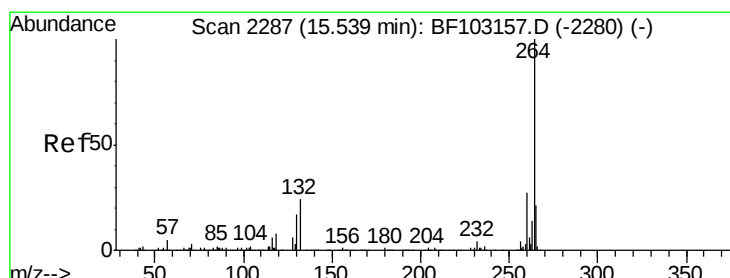
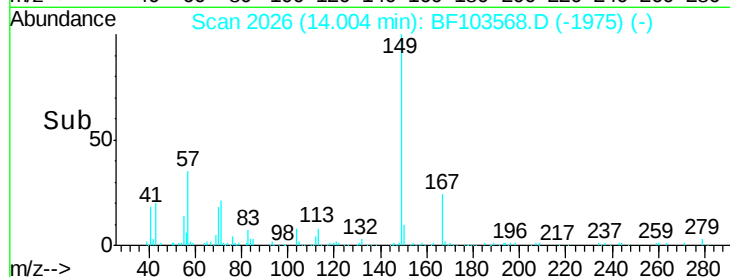
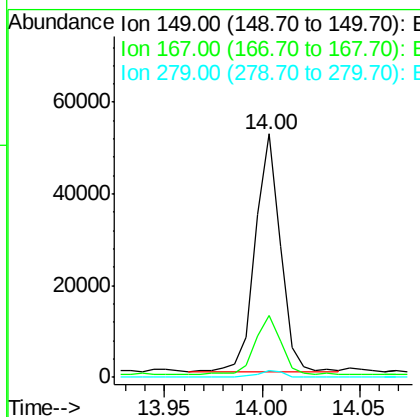
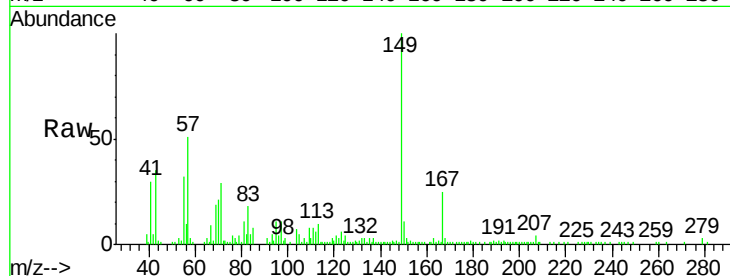
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.426 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-1-3-201802

Tot Ion	Ratio	Resp	Lower	Upper
149	100	46055		
167	25.2	21.3	31.9	
279	2.8	3.0	4.4	

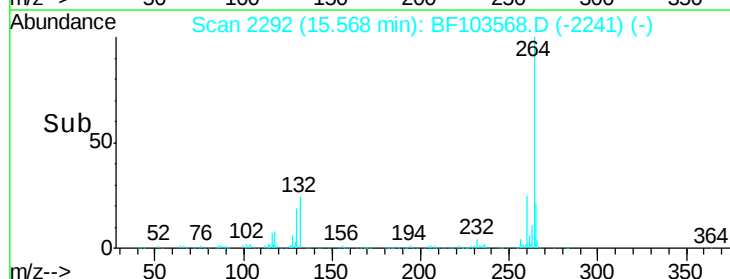
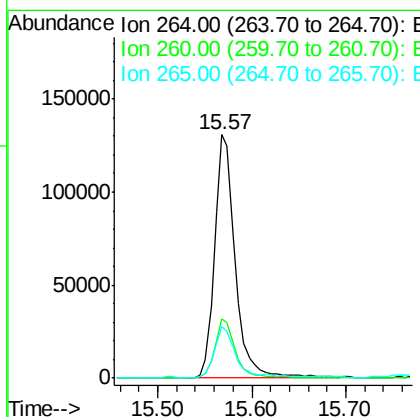
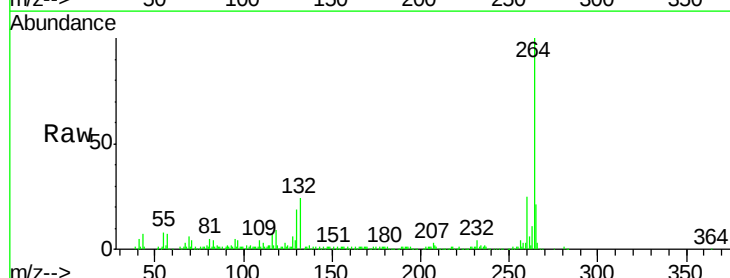
Manual Integrations
APPROVED

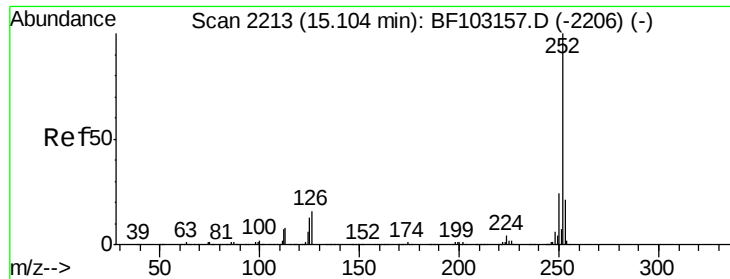
Sohil
3/12/2018 3:50:30 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	201712		
260	24.5	19.2	28.8	
265	21.3	17.5	26.3	





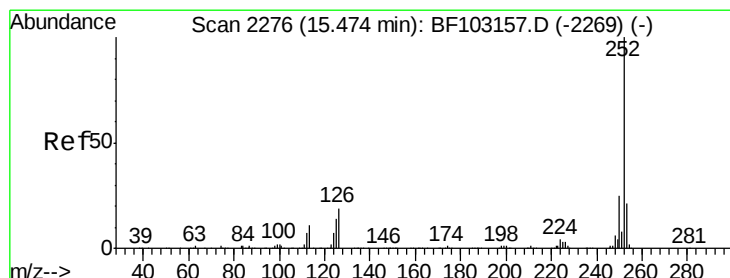
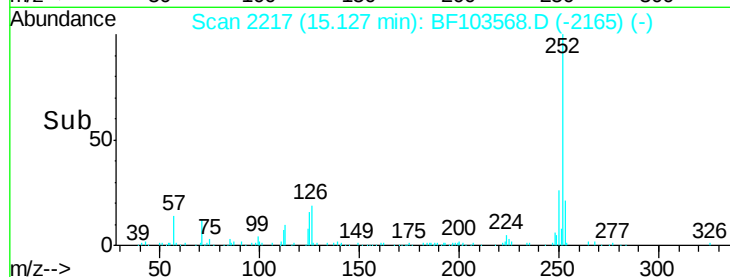
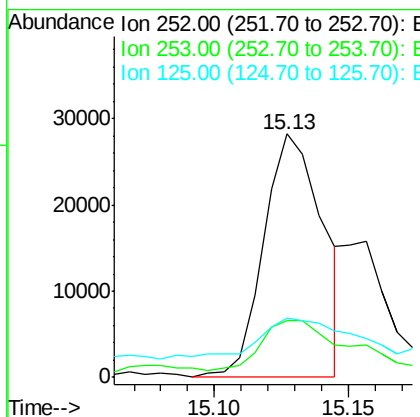
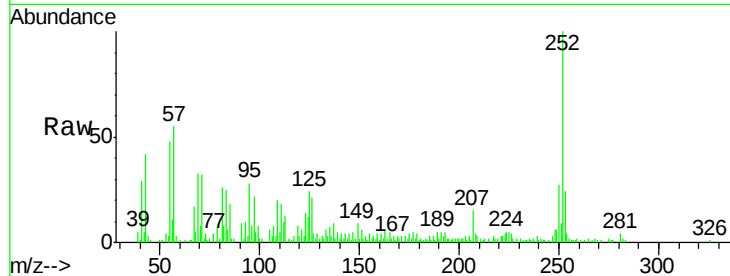
#87
Benzo(b)fluoranthene
Concen: 3.271 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-1-3-201802

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	24.4	9.0	13.6

Manual Integrations
APPROVED

Sohil
3/12/2018 3:50:30 PM



#89
Benzo(a)pyrene
Concen: 2.849 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103568.D
Acq: 9 Mar 2018 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.1	25.7
125	22.1	9.8	14.6

